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Customer Number

Patent  
Case No.: 58961US002

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

First Named Inventor: ROSENFLANZ, ANATOLY Z.  
Application No.: 10/666098 Group Art Unit: 1755  
Filed: September 18, 2003 Examiner: Elizabeth Bolden  
Title: CERAMICS COMPRISING  $Al_2O_3$ ,  $Y_2O_3$ ,  $ZrO_2$  AND/OR  $HfO_2$ , AND  $Nb_2O_5$   
AND/OR  $Ta_2O_5$  AND METHODS OF MAKING THE SAME

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Mail Stop: Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR § 1.8(a)]**

I hereby certify that this correspondence is being:

- ☐ deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.  
☒ transmitted by facsimile on the date shown below to the United States Patent and Trademark Office at (703) 872-9306.

December 8, 2004

Date

*Lisa Hengen*

Signed by: Lisa Hengen

Dear Sir:

Pursuant to 37 CFR §§ 1.56, 1.97, and 1.98, enclosed is a completed Form PTO-1449, citing references submitted for consideration by the Examiner. It is respectfully requested that the Examiner initial and return the enclosed Form PTO-1449 to indicate that each reference has been considered.

Copies of any cited foreign patents, foreign publications, non-patent literature documents; and any pending U.S. applications filed before June 30, 2003, are enclosed. Copies of any pending U.S. applications filed after June 30, 2003 that can be accessed on the USPTO's IFW system are not enclosed as per USPTO Waiver dated September 21, 2004. Copies of any U.S. patents and published U.S. patent applications are not enclosed.


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If a first Office Action on the merits has been mailed prior to the mailing date of this document, please charge the fee for consideration of an Information Disclosure Statement set forth in 37 CFR § 1.17(p), and if necessary, please charge any additional fees, or credit any overpayment to Deposit Account No. 13-3723.

Respectfully submitted,

December 7, 2004  
Date

By:   
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Office of Intellectual Property Counsel  
3M Innovative Properties Company  
Facsimile No.: 651-736-3833

Substitute for form 1449A/PTO (modified)

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Page 1 of 1

Application Number	10/666098
Filing Date	September 18, 2003
First Named Inventor	Rosenflanz, Anatoly Z.
Art Unit	1755
Examiner Name	Elizabeth Bolden
Attorney Case Number	58961US002

**U.S. Patent Documents**

Exam. Init.*	Cite No.	Document Number	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Doc. Number-(Kind Code If Known)			
	A1	US- 3,714,059	01/30/1973	Shaw et al.	
	A2	US- 3,717,583	02/20/1973	Shaw et al.	
	A3	US- 3,926,603	12/16/1975	Plesslinger et al.	
	A4	US- 4,218,253	08/19/1980	Dworak et al.	
	A5	US- 4,467,767	08/28/1984	Kampichler et al.	
	A6	US- 4,829,031	05/09/1989	Roy et al.	
	A7	US- 4,950,294	08/21/1990	Hakamatsuka	
	A8	US- 5,164,348	11/17/1992	Wood	
	A9	US- 5,213,591	05/25/1993	Celikkaya et al.	
	A10	US- 5,484,752	01/16/1996	Waku et al.	
	A11	US- 5,569,547	10/29/1996	Waku et al.	
	A12	US- 5,682,082	10/28/1997	Wei et al.	
	A13	US- 6,447,937	09/10/2002	Murakawa et al.	

**Foreign Patent Documents**

Exam. Init.*	Cite No.	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation (Check if yes)
		Ctry. Code	Number-KindCode (If known)				
	B1	JP	50025608	03/18/1975			X
	B2	FR	2538370	06/26/1984			X

**OTHER DOCUMENTS**

Exam. Init.*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Translation (Check if yes)
	C1		

\*Examiner:

Date Considered:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.